

ACRONYMS AND ABBREVIATIONS

BBP	Babcock Borsig Power
Btu	British thermal unit
CAA	Clean Air Act
CBEC	Corn Belt Energy Corporation
CBEG	Corn Belt Electric Generating Cooperative
CEMS	Continuous Emission Monitoring System
CFR	<i>Code of Federal Regulations</i>
CH ₄	methane
CO	carbon monoxide
CO ₂	carbon dioxide
Cr	creek
dB(A)	decibels as recorded on the A-weighted scale of a standard sound level meter
DNR	Department of Natural Resources
DOE	U.S. Department of Energy
EIS	Environmental Impact Statement
EPA	U.S. Environmental Protection Agency
°F	degrees Fahrenheit
FGD	flue gas desulfurization
FR	<i>Federal Register</i>
ft	foot or feet
ft ³ /s	cubic feet per second
FWS	U.S. Fish and Wildlife Service
g	acceleration due to gravity
gal	gallon
gpd	gallons per day
gpm	gallons per minute
HCl	hydrogen chloride
HF	hydrogen fluoride
IEPA	Illinois Environmental Protection Agency
IHPA	Illinois Historic Preservation Agency
in.	inch
ISCST3	Industrial Source Complex Short-Term (air dispersion model)
ISGS	Illinois State Geological Survey
L	liter
lb	pound
LEBS	Low Emission Boiler System
µg	microgram
µm	micron
m	meter
m ³	cubic meter
mg/L	milligrams per liter
mi	mile(s)
MM	million
mph	miles per hour
MW	megawatt

ACRONYMS

MWh	megawatt-hour
NAAQS	National Ambient Air Quality Standards
NPDES	National Pollutant Discharge Elimination System
NEPA	National Environmental Policy Act
NO ₂	nitrogen dioxide
NO _x	oxides of nitrogen
NOI	Notice of Intent
O ₃	ozone
ORNL	Oak Ridge National Laboratory
OSHA	Occupational Safety and Health Administration
Pb	lead
PCB	poly-chlorinated byphenyl(s)
PGA	peak ground acceleration
pH	parts hydrogen (a measure of acidity or hydrogen ion concentration)
PM ₁₀	particulate matter less than 10 µm
PM _{2.5}	particulate matter less than 2.5 µm
POM	polycyclic organic matter
ppm	parts per million
PSD	Prevention of Significant Deterioration
psi	pounds per square inch
R&D	research and development
RUS	Rural Utilities Service
s	second
SCR	selective catalytic reduction
SO ₂	sulfur dioxide
SVOC	semi-volatile organic compound
SZ	seismic zone
UBC	Uniform Building Code
USC	<i>United States Code</i>
USDA	U.S. Department of Agriculture
VOC	volatile organic compound